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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/085,858

03/01/2002

Paul D. Crunk

1263

7590

07/27/2004

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EXAMINER

A, MINH D

ART UNIT

PAPER NUMBER

2821

DATE MAILED: 07/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/085,858

Applicant(s)

CRUNK, PAUL D. *AK*

Examiner

Minh D A

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 5/23/03.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application):
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**7DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 1-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claim language in claims 1-7 is confusing in that it fails to clearly identify the subject matter regarded as invention. The format of the claim language fails to comply with the requirement of § 608.01(m) of the MPEP, since they have not been presented as a single sentence format. Applicant's attention is directed to claim 1 as an example. As presented, this claim does not clearly identify the preamble nor does it clearly set forth the body of the claim that clearly describes the subject matter which applicant regards as the invention. Lacking these critical features renders claims 1-7 vague and indefinite since it would be impossible to clearly pin point applicant's claim subject matter.

In addition, the language such as "A reflect-reflector baffle or reflect-reflector" found in line 1 of all claims presents an alternative form that renders identifying applicant's claimed structure impossible. The language "in any shape form or design" found in line 1, claim 1 is not acceptable since it is vague and indefinite. The language "the a light bulb lamp or LED lamp under the front lens, or can be part of the front lens or attached in anyway to the front lens can include a combination of the both being part

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of the underside of the front lens" also found in lines 1-7, claim 2 is not acceptable, because these limitations are unclearly identify which one is related to the bulb lamp or LED.

Claim 3, the phrase "PCB board from shifting horizontal or vertical fastened to the inside of the lamp" renders the claim indefinite because it is unclear whether the limitation(s) following the phrase are part of the claimed invention or how to shift horizontal or vertical fastened to the inside of the lamp. See MPEP § 2173.05(d).

Regarding claim 7, the phrase "the light generating source inside the lamp out of the lamp" renders the claim indefinite because it is unclear whether the limitation(s) following the phrase are part of the claimed invention. See MPEP § 2173.05(d).

### ***Claim Objections***

3. Claims 1,2, 4-7 are objected to because of the following informalities:

Regarding claim 1, line 2, should "the lamp" be deleted and insert -- a lamp--.

Regarding claim 2, line 2, should "the a light" be deleted and insert -- a light --, on line 5, should "the illumination" be deleted and insert -- an illumination --, on line 6, should "at the" be deleted and insert -- at a --.

Regarding claims 4-5, should "Dependant or Dependent on claim 2 a reflect reflector baffle" be deleted and insert ---The reflect reflector baffle according to claim 2--

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Regarding claims 6-7, should "Dependent or dependent on claim 1 a reflect reflector baffle" be deleted and insert ---The reflect reflector baffle according to claim 2--

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Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or  
(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

5. Claims 1-7 are rejected with the best understood under 35 U.S.C. 102(e) as being unpatentable by Satsukawa et al (US 6,406,171).

Regarding claims 1 and 7, Satsukawa discloses the reflect- reflector (14) in any shape form or design placed inside the lamp(10) under of the lens (16) to reflect interior and exterior light out of the lamp to be seen by other motor vehicle drivers. See figures 1-3, col.3, lines 61-67 and col.4, lines 1-43.

Regarding claim 2, Satsukawa discloses the reflect-reflector placed inside

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a light bulb lamp (10) under the front lens (16), or can be part of the front lens (16) or attached in any way to the front lens, or can include a combination of both being part of the underside of the front lens and placed under the lens, which aids in the illumination of the lighting element or elements (14) to reflect all light being generated inside of the lamp (10) or any exterior light outside of the lamp aimed at the lamp to be reflected out of the lamp be seen by the human eye. See figures 1-3, col.3, lines 61-67 and col.4, lines 1-43.

Regarding claims 3 and 4, Satsukawa discloses the reflector (14) placed inside a lamp (10) to help keep one or more PCB boards from shifting horizontal or vertical fastened to the inside of the lamp (10). See figures 1-3, col.3, lines 61-67 and col.4, lines 1-43.

Regarding claim 5, Satsukawa discloses the reflector which facilitate in lighting up the entire interior of the lamp, which would allow the human eye to see a much fuller look of light filling the lamp interior lighting surface areas and lens area making the lamp look like it is glowing inside leaving no dark areas to be seen. See figures 1-3.

Regarding claim 6, Satsukawa discloses the reflector (14), which can fill a portion of a single light bulb reflector area, which then would captures the headlight light being sent to the reflect-reflector (14) and return that light back to the human eye of the driver of that motor vehicle where it can be seen. See figures 1-3, col.3, lines 61-67 and col.4, lines 1-43.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Noren. (US 4,047,020) and Green. (US 4,241,388) are cited to show the baffle inside the discharge lamp.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Minh A whose telephone number is (571) 272-1817. The examiner can normally be reached on M-F (5:30 –2:30 PM).

If attempts to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Don Wong, can be reached on (571) 272-1834. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and (703) 872-9319 for final communications.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (571) 272-1553.

Examiner

Minh A

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7/24/04

  
**JAMES VANNUCCI**  
**PRIMARY EXAMINER**